

Presentation Abstract

Session Title: Improving Quantitative Information for the California Water Plan

Moderator: Rich Juricich, California Department of Water Resources, Statewide Planning Branch

Rethinking Water Policy Opportunities in Southern California - a Project Update

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This presentation reports on progress in developing and implementing a scenario tool to evaluate scenarios of water demand and supply in Southern California. The scenario tool, developed in the Analytica modeling environment, reproduces the supply and demand forecasts presented in the region's 2005 Urban Water Management Plans as reference scenarios. The user may then generate alternative scenarios based on (1) different assumptions about factors affecting future demand and supply and (2) alternative levels of efficiency attainment and local resource development. The initial development of this tool was part of a collaborative effort with the California Department of Water Resources for the California Water Plan Update 2005. To date, the project has focused on increased levels of urban water use efficiency (informed by the recently-released Comprehensive Review study) and more aggressive development of conjunctive groundwater management and municipal water reuse facilities.